

**Montana Information Security Advisory Council**  
**Workgroup List – 2015 Biennium**  
(10/02/15)

## **Resources**

(Security Assistance Teams)

MT-Goals and Objectives: 1.6, 2.6, 2.11

- 1.6 Recommend **resources** (funding, people, etc.) and methods, such as Security Assistance Teams (SAT), to assist agencies in performing work in order to enhance the agency, and thereby the State, information security posture.
- 2.6 Identify **legacy systems** which exist on the State of Montana network and create a plan for securing or removing those systems.
- 2.11 Identify location of **sensitive data** and methods to protect it.

## **Legislative**

(Address present day cyber statutes, legislation or recommend new cyber security legislation)

MT-Goals and Objectives: 1.5

- 1.5 Recommend new **legislation** or update current statutes, administrative and criminal, to address the present-day information security environment.

## **Assessment**

(Developing a Plan of Action and Milestones (POAM) to accomplish compliance. Dashboard and recommendations on what/how to present for the yearly update to Governor on MT-ISAC progress)

MT-Goals and Objectives: 1.2, 1.2.1, 1.2.2

- 1.2 Develop and implement a statewide standardized information security program **assessment** and measures for Departments and the State.
- 1.2.1 Provide a yearly State information security assessment to the Governor showing program successes and a plan to address shortcomings.
- 1.2.2 Develop a Governor's information security dashboard.

## **Public Safety**

(Enhance Info Sec for Public Safety)

MT-Goals and Objectives: 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.4

4.2 Enhance State information security **law enforcement** capability.

4.2.1 Improve the State of Montana's investigative expertise in the information security area.

4.2.2 Explore additional resources in DOJ/DCI for Network Cyber Investigations.

4.2.3 Research and recommend criminal investigative response in coordination with HSA, DOA, DOJ, and FBI.

4.2.4 Develop a plan to increase the education of Montana's law enforcement group regarding information security.

## **Outreach**

(Montana Private/Industry Sector Security Posture)

MT-Goals and Objectives: 1.2, 1.9, 1.10, 2.1.3

1.2 **Share** risk management guidance and recommendations with local governments and the private sector.

1.9 Identify **key players** within industry sectors and provide a forum for developing guidance and communicating with industry sectors.

1.10 Collaborate with private industry to understand the information security posture of **critical infrastructure**.

2.1.3 Support and participate in statewide information security groups and help to facilitate and leverage the existing communications channels.

## **Situational Awareness**

(Understanding current cyber threats and cyber landscape. Fostering communication to best deal with cyber threats)

MT-Goals and Objectives: 2.2, 2.2.1, 2.2.2

\*\*\*Bryan Costigan is Chair of this current workgroup

2.2 Enhance **situational awareness**.

2.2.1 Document standing threat/vulnerability needs/sources and determine fast, efficient, and secure sharing methods.

2.2.2 Foster better communication in information security between federal, state, local, and tribal governments.

## **Fostering Future Security Professionals**

(Encourage development of information security professionals, fostering apprenticeship program)

MT-Goals and Objectives: 1.7, 1.8

- 1.7 Encourage development of a trained and educated information security workforce in Montana through the **University** System with private sector input.
- 1.8 Assess an **apprenticeship** or internship program to develop hands-on information security skills.

## **Awareness & Training**

(Professional and Awareness Training)

MT-Goals and Objectives: 2.1, 2.1.1, 2.1.2

- 2.1 Implement a comprehensive **information security awareness and training program**
  - 2.1.1 For managers, users, contracted support, and IT staff.
  - 2.1.2 Develop a campaign to deliver the message of information security in a positive and informational manner that engages the listener and encourages them to integrate information security into their daily activities.

## **Best Practices**

(Best Practice nationwide and apply in MT where applicable)

MT-Goals and Objectives: 1.1, 2.3.1, 2.5

- 1.1 Update State of Montana information security policies and documents to align with the **NIST** Cybersecurity Framework.
- 2.3.1 Evaluate national best practices and training of the cyber units of the National Guard and apply similar practices in Montana where applicable (DOA, DOJ, National Guard, etc.).
- 2.5 Collaborate with other States and organizations and utilize/leverage industry **best practices**.

## **Tools**

(Recommending/reviewing best industry security tools for Enterprise/agency/entity use)

MT-Goals and Objectives: 2.7, 2.8, 2.9, 2.10, 3.1, 4.1, 5.1

2.7 Recommend software, hardware, services, processes, and resources to increase **protection capabilities**

2.8 Recommend security requirements for solicitation of and inclusion in state **contracts** involving information technology. Address breach language in contracts.

2.9 Provide information on best practices for information security **insurance**, recommendations, (training) options, awareness, coverage, cost, and other considerations.

2.10 Recommend methods and/or tools to inventory authorized and/or **unauthorized software**.

3.1 Recommend software, hardware, services, processes, resources, etc. to increase **detection capabilities**.

4.1 Recommend software, hardware, services, processes, and resources to enhance agency and State **incident response** - tools, procedures, checklists, lessons learned, and guidelines.

5.1 Recommend software, hardware, services, processes, and resources to enhance agency and State system **recovery** - tools, procedures, checklists, lessons learned, and guidelines.